

Functional & Performance Testing Template

Model Performance Test

Date	18 February 2026
Team ID	LTVIP2026TMIDS66281
Project Name	Gemini historical artifact description
Maximum Marks	3 Marks

Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Recipe Topic Input Validation	Enter valid recipe topic and leave field empty	Valid input accepted, error shown for empty input	As Expected	Pass
FT-02	Ingredient Input Validation	Enter valid ingredients and try empty/invalid inputs	Accepts valid input, shows warning for invalid input	As Expected	Pass
FT-03	AI Recipe Generation	Enter recipe topic and click "Generate Recipe"	Structured recipe with title, ingredients, and steps generated	As Expected	Pass
FT-04	Gemini API Connection Check	Trigger recipe generation with valid API key	API responds successfully and generates recipe	As Expected	Pass
FT-05	Programming Joke Feature	Generate recipe and check joke display	Programming joke appears along with recipe	As Expected	Pass
PT-01	Response Time Test	Measure time after clicking generate	Recipe generated within 3–5 seconds	Within Limit	Pass
PT-02	Multiple Request Handling	Generate multiple recipes sequentially	Application handles requests without crash	Stable	Pass

PT-03	Deployment Test	Access deployed app via browser	Application loads and works correctly online	Working	Pass
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